

## ABSTRACT

Disclosed is the sensing a sample fluid. The sample fluid is first provided into a cartridge (400), and the cartridge (400) inserted into a reading device (420). A pressure variation is provided in the cartridge (400), and the sample fluid will be moved to a sensing element (140) by using the provided pressure variation and by controlling the timing for releasing a pressure in the pressure variation means (40, 50, 100, 110). The moved the sample fluid can then be sensed by means of the sensing element (140).

10 [Fig. 1 for publication]